**Igomigo Fatai Victor**

Software Engineer

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**Professional Summary**

A detail-oriented Software Engineer with over 2 years of experience designing and developing scalable pricing, billing, and payment systems. Proficient in TypeScript, Node.js, PostgreSQL, and Stripe integrations, I bring expertise in building industry-defining backend systems and event-driven architectures. My collaborative mindset, clean coding practices, and passion for solving complex problems have driven impactful solutions across distributed teams.

**Core Competencies**

- Full Stack Development: TypeScript, Node.js, React, PostgreSQL, MongoDB, GraphQL, REST APIs  
- Backend Engineering: Distributed systems, event-driven architectures, scalable backend design  
- Payment Systems Expertise: Stripe and Paystack integrations, pricing and billing pipelines  
- DevOps: Nginx load balancing, serverless architectures, caching strategies (Redis)  
- Frontend Proficiency: React, HTML5, CSS3, Bootstrap, TailwindCSS  
- Methodologies: Agile (Kanban, Scrum), CI/CD pipelines, test-driven development

**Professional Experience**

Full Stack Software Engineer  
Collaborapay  
May 2024 – Present

- Designed and implemented a collaborative payment system enabling groups to contribute toward shared financial goals.  
- Integrated Stripe and Paystack to facilitate seamless, secure transactions with real-time contribution tracking using event-driven architectures.  
- Improved backend performance through efficient database queries, server-side caching, and load balancing with Nginx.  
- Collaborated with teams across time zones to maintain code quality, perform reviews, and optimize user experience.  
- Utilized Node.js, MongoDB, and React to ensure a highly responsive, scalable platform for users.

Software Engineer Intern  
ALX Africa  
Nov 2022 – March 2024

- Developed a full-featured REST API supporting multi-application authentication and session management.  
- Streamlined backend workflows by integrating Redis caching and MySQL for transactional data.  
- Designed distributed systems for high availability, implementing load balancing and fault tolerance across multiple servers.  
- Spearheaded automation initiatives with Python, reducing manual workflows and enhancing team efficiency.

Software Engineer  
Siliconverse  
Feb 2023 – Aug 2024

- Implemented backend services, including user authentication and session management, using Node.js and MongoDB.  
- Built an offline-first platform, ensuring functionality in low-connectivity areas.  
- Led the integration of core APIs and optimized system performance by refactoring for scalability and maintainability.

**Technical Projects**

Collaborative Payment System  
Collaborapay

- Designed and built a payment platform to manage group contributions with real-time updates and event-based notifications.  
- Integrated payment systems (Stripe, Paystack) and implemented secure transaction monitoring.  
- Architected using Node.js and MongoDB for backend reliability and scalability.

TaskPilot

- Developed a project management tool inspired by Trello, featuring real-time collaboration via Socket.IO.  
- Built robust backend systems for board and task management using Node.js and MongoDB.  
- Ensured responsive design with Bootstrap, improving usability across devices.

Naija Connect

- Created a social microblogging platform recognized as one of the top projects in Nigeria for innovation and community impact.  
- Developed the app using Python, Flask, SQLite, and implemented offline usability.

ScheduleNinja

- Built an event scheduler app using the Google Calendar API for seamless event management and real-time notifications.  
- Integrated OAuth2 authentication for secure user interactions.

**Education**

Software Engineering  
ALX Software Engineering School & Holberton School  
2022 – 2024

**Certifications**

- Full Stack Software Engineering Certification (March 2024)  
- Verification: View Certificate (https://intranet.alxswe.com/certificates/Nsn36XrFJc)

**Awards and Recognition**

Young Innovative Builders Competition

- Developed and presented Naija Connect, a microblogging platform addressing community needs, winning a nationwide award for innovation in technology.